

## WEST Search History for Application 10790618

Creation Date: 2010090721:50

hardness and tissue and strainPGPB, USPT, USOC, EPAB, JPAB, DWPI AND 02-05-2008  
(hardness and tissue and strain ) and elasticityPGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 02-05-2008  
(hardness and tissue and strain and elasticity ) and displayPGPB, USPT, USOC, EPAB,  
JPAB, DWPI AND 02-05-2008  
(hardness and tissue and strain and elasticity and display ) and ("optical sensor" or  
"acoustic sensor")PGPB, USPT, USOC, EPAB, JPAB, DWPI AND 02-05-2008  
"optimum overlap" and probabilityPGPB, USPT, USOC, EPAB, JPAB, DWPI AND 02-05-2008  
(hardness and tissue and strain and elasticity and display and ("optical sensor" or "acoustic  
sensor") ) and (move or movable)PGPB, USPT, USOC, EPAB, JPAB, DWPI AND 02-05-2008  
(hardness and tissue and strain and elasticity ) and hardness and sensor and (move or  
movable)PGPB, USPT, USOC, EPAB, JPAB, DWPI AND 02-05-2008  
"optimum overlap" same probabilityPGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 02-05-2008  
hardness and tissue and strainPGPB, USPT, USOC, EPAB, JPAB, DWPI AND 11-15-2008  
(hardness and tissue and strain ) and elasticityPGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 11-15-2008  
(hardness and tissue and strain and elasticity ) and displayPGPB, USPT, USOC, EPAB,  
JPAB, DWPI AND 11-15-2008  
(hardness and tissue and strain and elasticity and display ) and ("optical sensor" or  
"acoustic sensor")PGPB, USPT, USOC, EPAB, JPAB, DWPI AND 11-15-2008  
"optimum overlap" and probabilityPGPB, USPT, USOC, EPAB, JPAB, DWPI AND 11-15-2008  
(hardness and tissue and strain and elasticity and display and ("optical sensor" or "acoustic  
sensor") ) and (move or movable)PGPB, USPT, USOC, EPAB, JPAB, DWPI AND 11-15-2008  
(hardness and tissue and strain and elasticity ) and hardness and sensor and (move or  
movable)PGPB, USPT, USOC, EPAB, JPAB, DWPI AND 11-15-2008  
"optimum overlap" same probabilityPGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 11-15-2008  
hardness and tissue and strainPGPB, USPT, USOC, EPAB, JPAB, DWPI AND 04-03-2009  
(hardness and tissue and strain ) and elasticityPGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 04-03-2009  
(hardness and tissue and strain and elasticity ) and displayPGPB, USPT, USOC, EPAB,  
JPAB, DWPI AND 04-03-2009  
(hardness and tissue and strain and elasticity and display ) and ("optical sensor" or  
"acoustic sensor")PGPB, USPT, USOC, EPAB, JPAB, DWPI AND 04-03-2009  
"optimum overlap" and probabilityPGPB, USPT, USOC, EPAB, JPAB, DWPI AND 04-03-2009  
(hardness and tissue and strain and elasticity and display and ("optical sensor" or "acoustic  
sensor") ) and (move or movable)PGPB, USPT, USOC, EPAB, JPAB, DWPI AND 04-03-2009  
(hardness and tissue and strain and elasticity ) and hardness and sensor and (move or  
movable)PGPB, USPT, USOC, EPAB, JPAB, DWPI AND 04-03-2009  
"optimum overlap" same probabilityPGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 04-03-2009  
overlap same probabilityPGPB, USPT, USOC, EPAB, JPAB, DWPI AND 04-03-2009  
(overlap same probability ) same strainPGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 04-03-2009  
overlap same signalPGPB, USPT, USOC, EPAB, JPAB, DWPI AND 04-03-2009

(overlap same signal ) same probabilityPGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 04-03-2009

(overlap same signal same probability ) and strainPGPB, USPT, USOC, EPAB, JPAB,  
DWPI AND 04-03-2009

(overlap same signal same probability and strain ) and arteryPGPB, USPT, USOC, EPAB,  
JPAB, DWPI AND 04-03-2009

(overlap same signal same probability and strain and artery ) and acousticPGPB, USPT,  
USOC, EPAB, JPAB, DWPI AND 04-03-2009

(overlap same signal same probability and strain and artery and acoustic ) and  
hardnessPGPB, USPT, USOC, EPAB, JPAB, DWPI AND 04-03-2009

(overlap same signal same probability and strain and artery and acoustic ) and  
elasticityPGPB, USPT, USOC, EPAB, JPAB, DWPI AND 04-03-2009

### Prior Art Searches

| Query  | DB                                 | Op. | Plur. | Thes. | Date       |
|--|------------------------------------|-----|-------|-------|------------|
| hardness and tissue and strain   | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND | YES   |       | 12-27-2009 |
| (hardness and tissue and strain ) and elasticity   | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND | YES   |       | 12-27-2009 |
| (hardness and tissue and strain and elasticity ) and display   | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND | YES   |       | 12-27-2009 |
| (hardness and tissue and strain and elasticity and display ) and ("optical sensor" or "acoustic sensor")                       | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND | YES   |       | 12-27-2009 |
| "optimum overlap" and probability  | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND | YES   |       | 12-27-2009 |
| (hardness and tissue and strain and elasticity and display and ("optical sensor" or "acoustic sensor") ) and (move or movable) | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND | YES   |       | 12-27-2009 |
| (hardness and tissue and strain and elasticity ) and hardness and sensor and (move or movable)                                 | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND | YES   |       | 12-27-2009 |
| "optimum overlap" same probability   | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND | YES   |       | 12-27-2009 |
| overlap same probability   | PGPB, USPT, USOC, EPAB, JPAB, DWPI | AND | YES   |       | 12-27-2009 |

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|---|--|-----|-----|--|------------|
| <b>(overlap same probability ) same strain</b>  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 12-27-2009 |
| <b>overlap same signal</b>  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 12-27-2009 |
| <b>(overlap same signal ) same probability</b>  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 12-27-2009 |
| <b>(overlap same signal same probability ) and strain</b>   | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 12-27-2009 |
| <b>(overlap same signal same probability and strain ) and artery</b>  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 12-27-2009 |
| <b>(overlap same signal same probability and strain and artery ) and acoustic</b>   | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 12-27-2009 |
| <b>(overlap same signal same probability and strain and artery and acoustic ) and hardness</b>  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 12-27-2009 |
| <b>(overlap same signal same probability and strain and artery and acoustic ) and elasticity</b>                                      | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 12-27-2009 |
| <b>hardness and tissue and strain</b>   | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 09-07-2010 |
| <b>(hardness and tissue and strain ) and elasticity</b>   | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 09-07-2010 |
| <b>(hardness and tissue and strain and elasticity ) and display</b>   | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 09-07-2010 |
| <b>(hardness and tissue and strain and elasticity and display ) and ("optical sensor" or "acoustic sensor")</b>                       | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 09-07-2010 |
| <b>"optimum overlap" and probability</b>  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 09-07-2010 |
| <b>(hardness and tissue and strain and elasticity and display and ("optical sensor" or "acoustic sensor") ) and (move or movable)</b> | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 09-07-2010 |

|   |  |     |     |  |            |
|---|--|-----|-----|--|------------|
| <b>(hardness and tissue and strain and elasticity )<br/>and hardness and sensor and (move or<br/>movable)</b> | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 09-07-2010 |
| <b>"optimum overlap" same probability</b>   | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 09-07-2010 |
| <b>overlap same probability</b>   | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 09-07-2010 |
| <b>(overlap same probability ) same strain</b>  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 09-07-2010 |
| <b>overlap same signal</b>  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 09-07-2010 |
| <b>(overlap same signal ) same probability</b>  | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 09-07-2010 |
| <b>(overlap same signal same probability ) and<br/>strain</b>   | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 09-07-2010 |
| <b>(overlap same signal same probability and<br/>strain ) and artery</b>                                      | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 09-07-2010 |
| <b>(overlap same signal same probability and<br/>strain and artery ) and acoustic</b>                         | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 09-07-2010 |
| <b>(overlap same signal same probability and<br/>strain and artery and acoustic ) and hardness</b>            | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 09-07-2010 |
| <b>(overlap same signal same probability and<br/>strain and artery and acoustic ) and elasticity</b>          | PGPB, USPT,<br>USOC, EPAB,<br>JPAB, DWPI | AND | YES |  | 09-07-2010 |